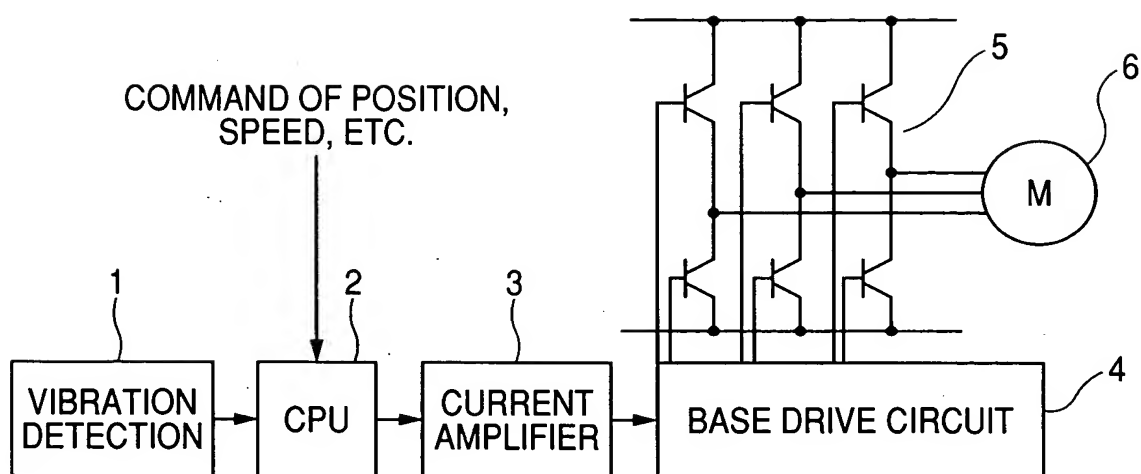
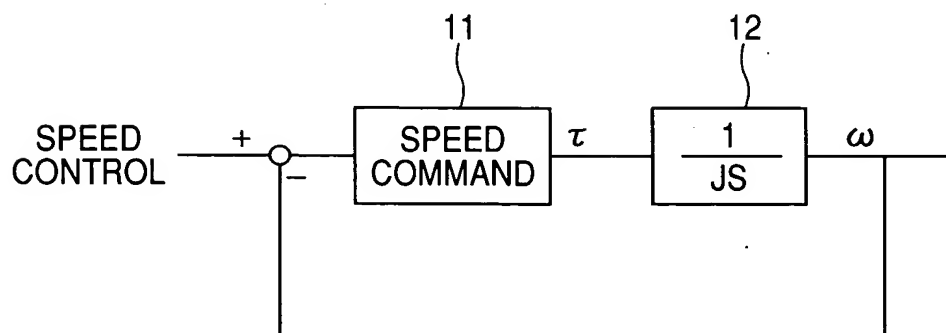


**FIG. 1****FIG. 2**

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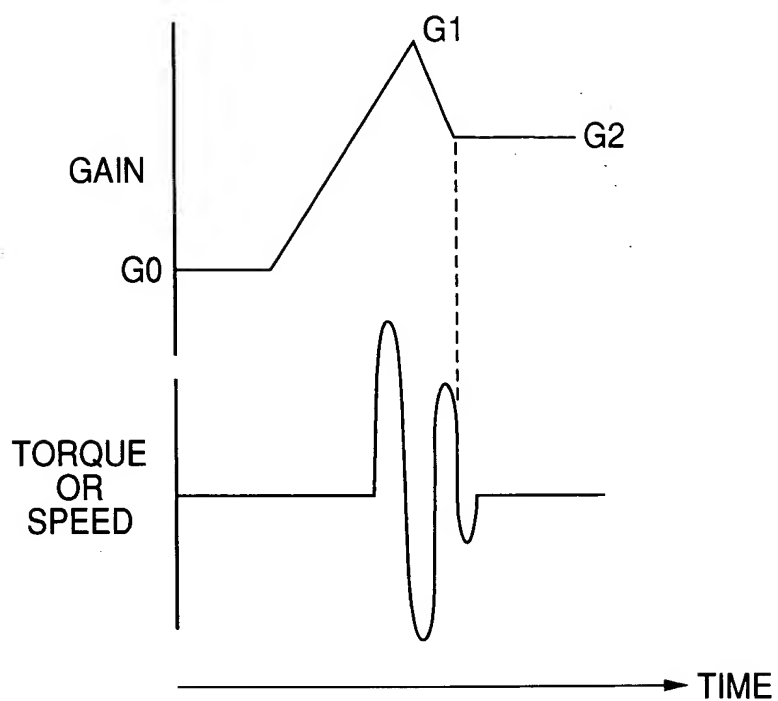
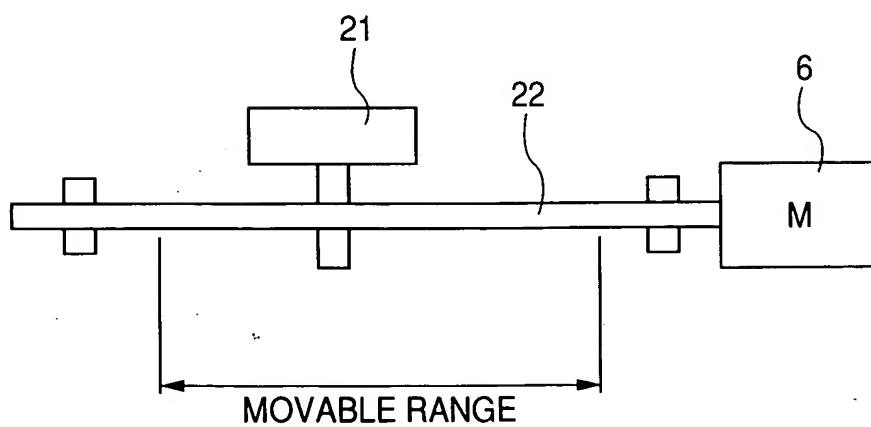
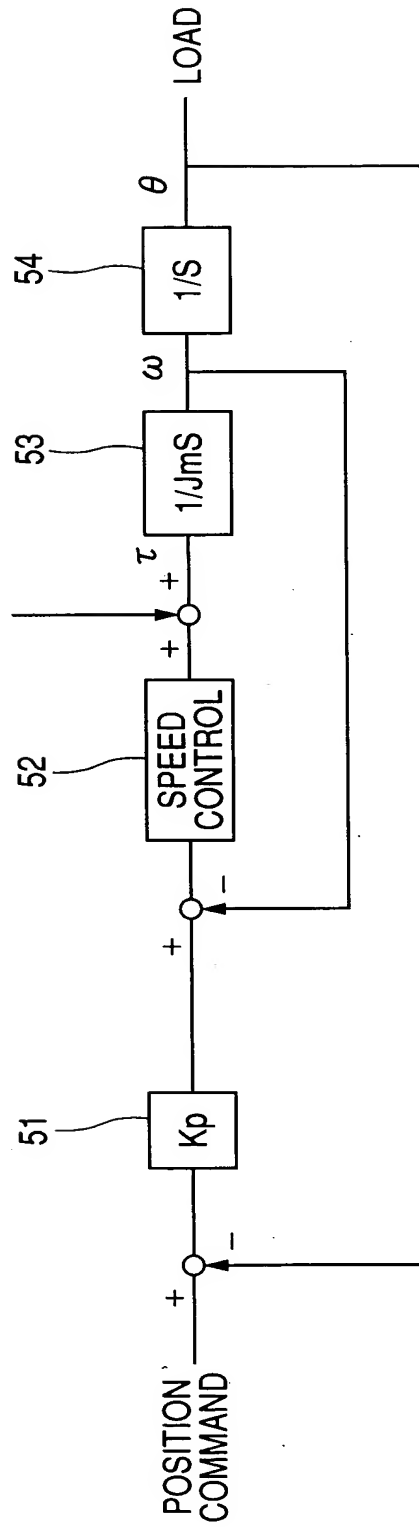
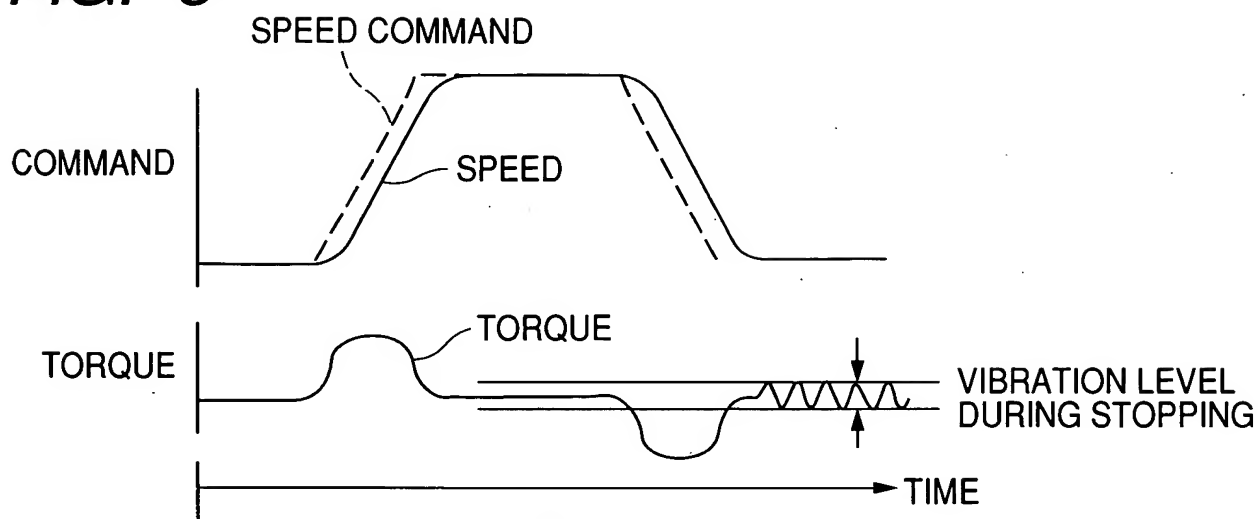
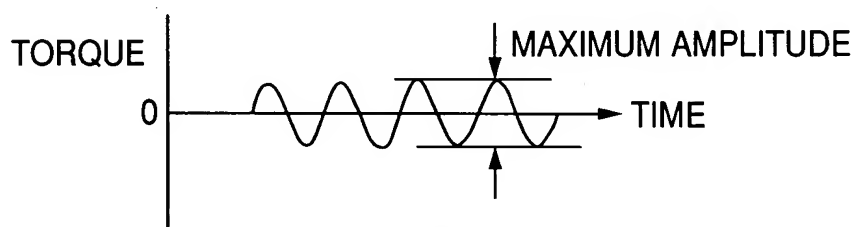
**FIG. 3****FIG. 4**

FIG. 5

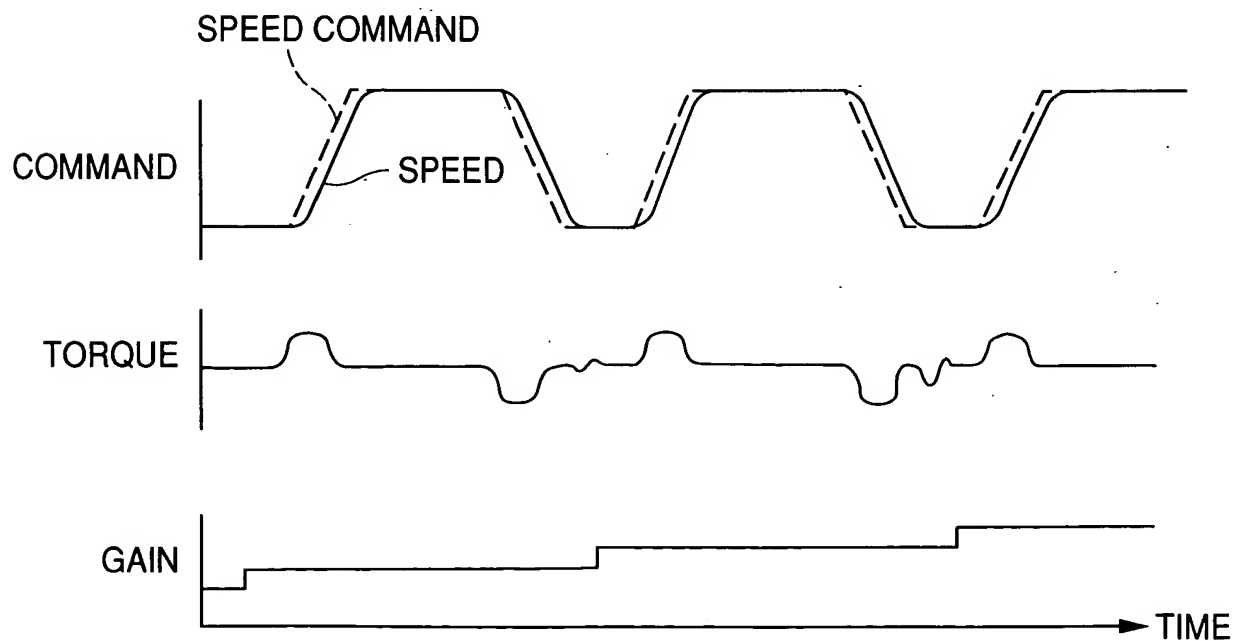


**FIG. 6**

(i)



(ii)

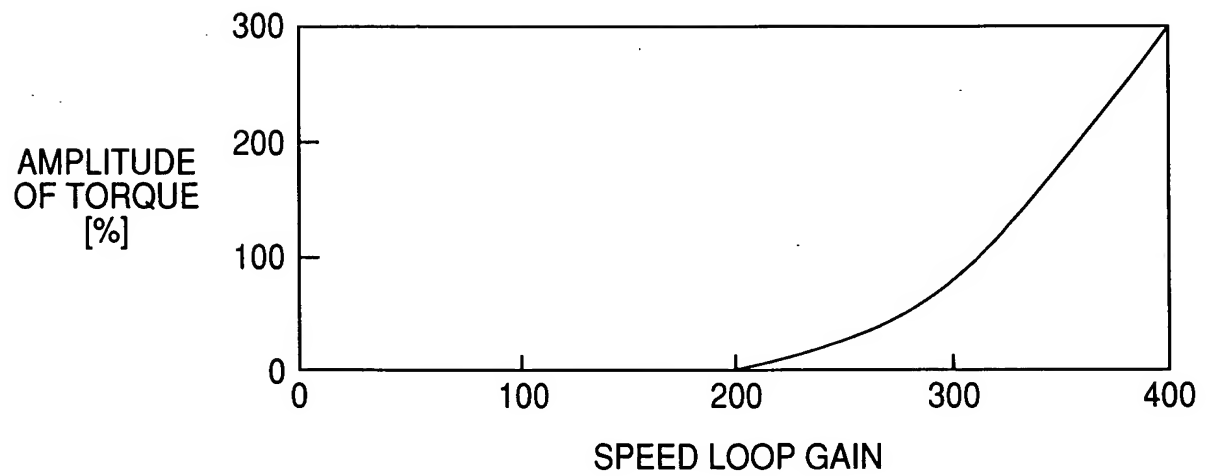


(iii)

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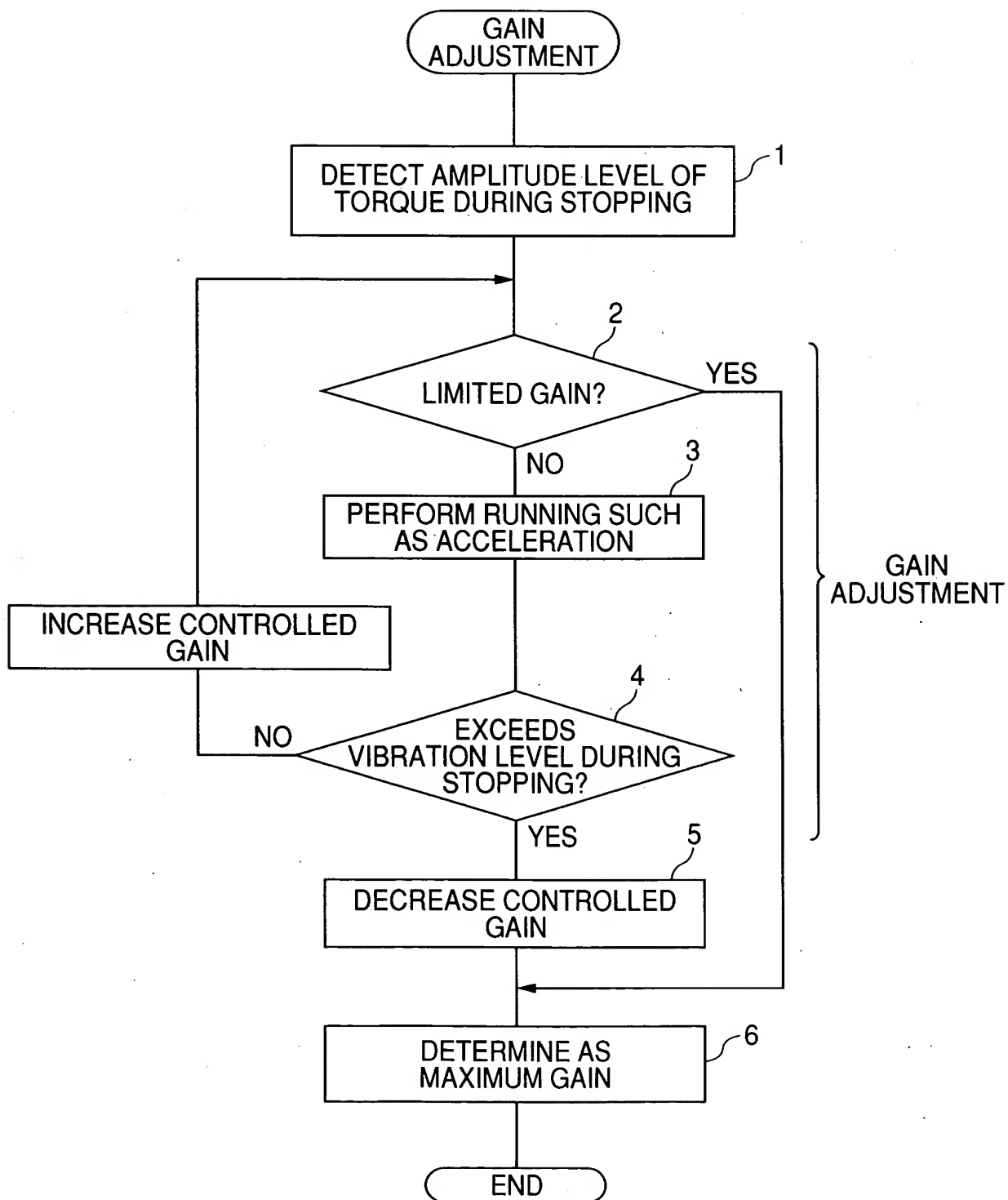
**FIG. 7**

JL = 0 VIBRATION DURING STOPPING



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FIG. 8



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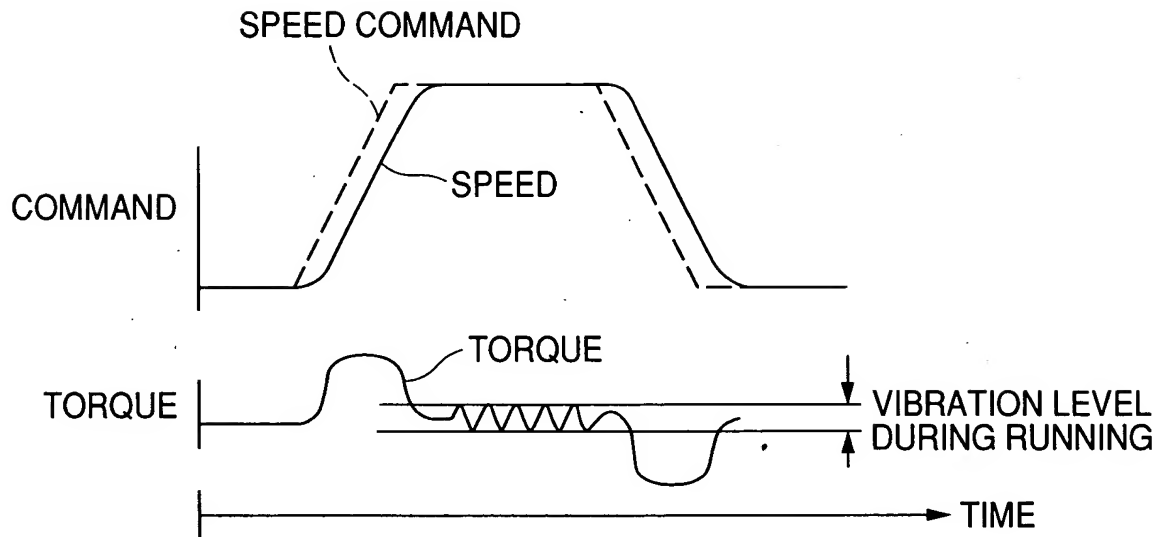
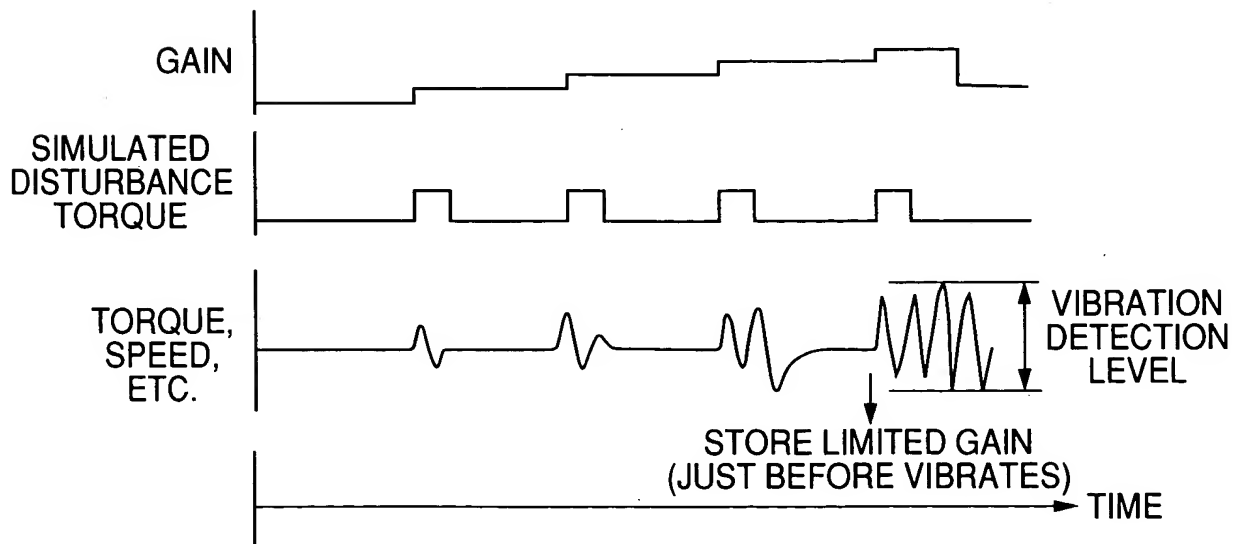
**FIG. 9****FIG. 10**

FIG. 11

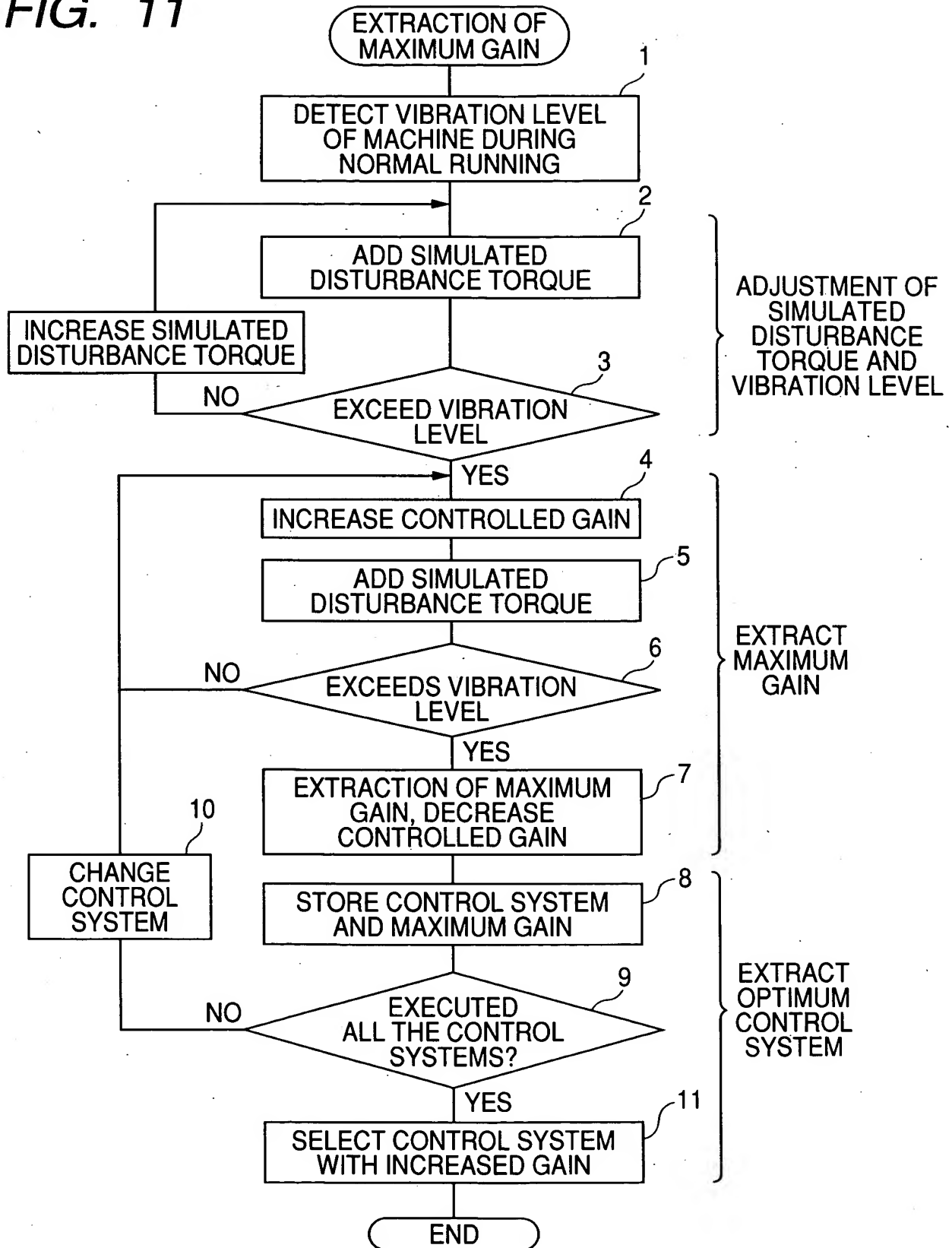
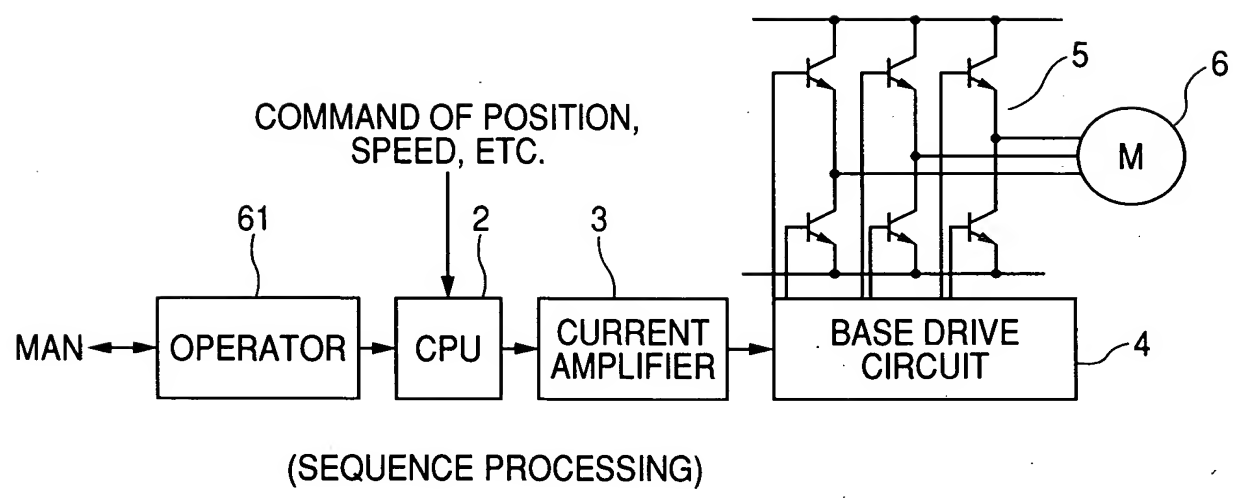




FIG. 12



**FIG. 13****EXEMPLARY SEQUENCE**

- 1 . MOVE IN MOVABLE RANGE
- 2 . INCREASE
- 3 . OBSERVE VIBRATION → INCREASE GAIN SLIGHTLY IF VIBRATION OCCURS
- 4 . FAST MOVE IN MOVABLE RANGE
- 5 . CONFIRM POSITIONING IN AT NORMAL SPEED.
- 6 .

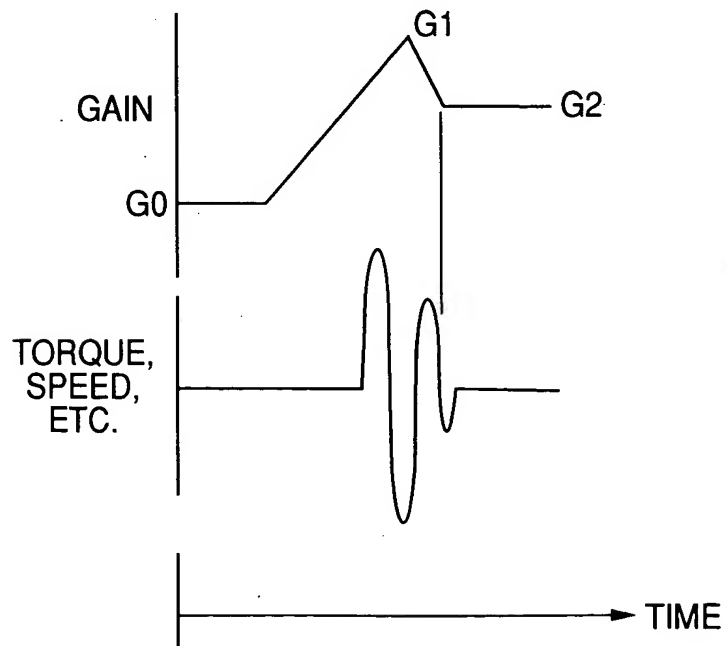
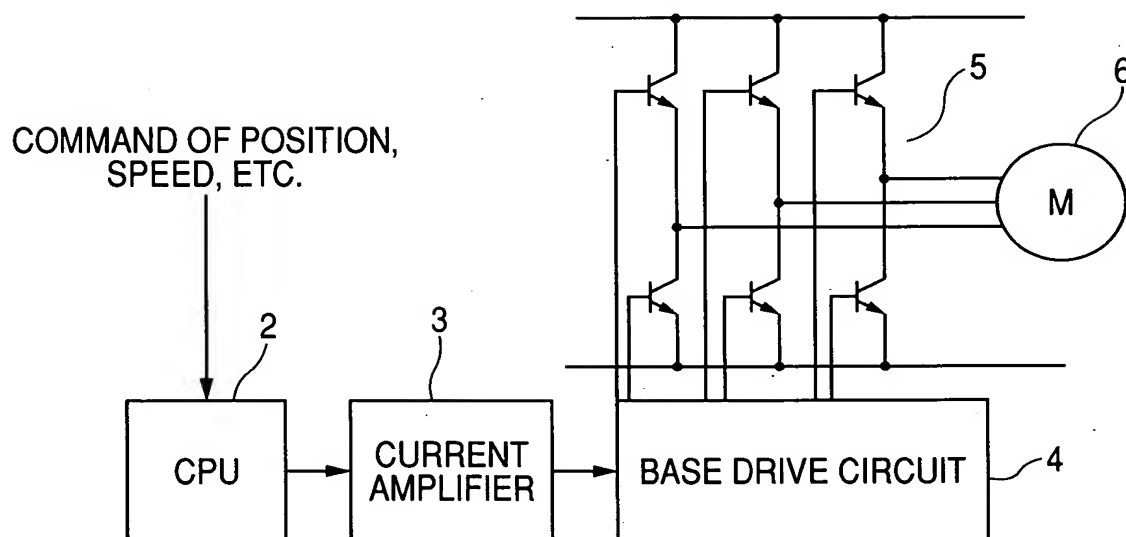
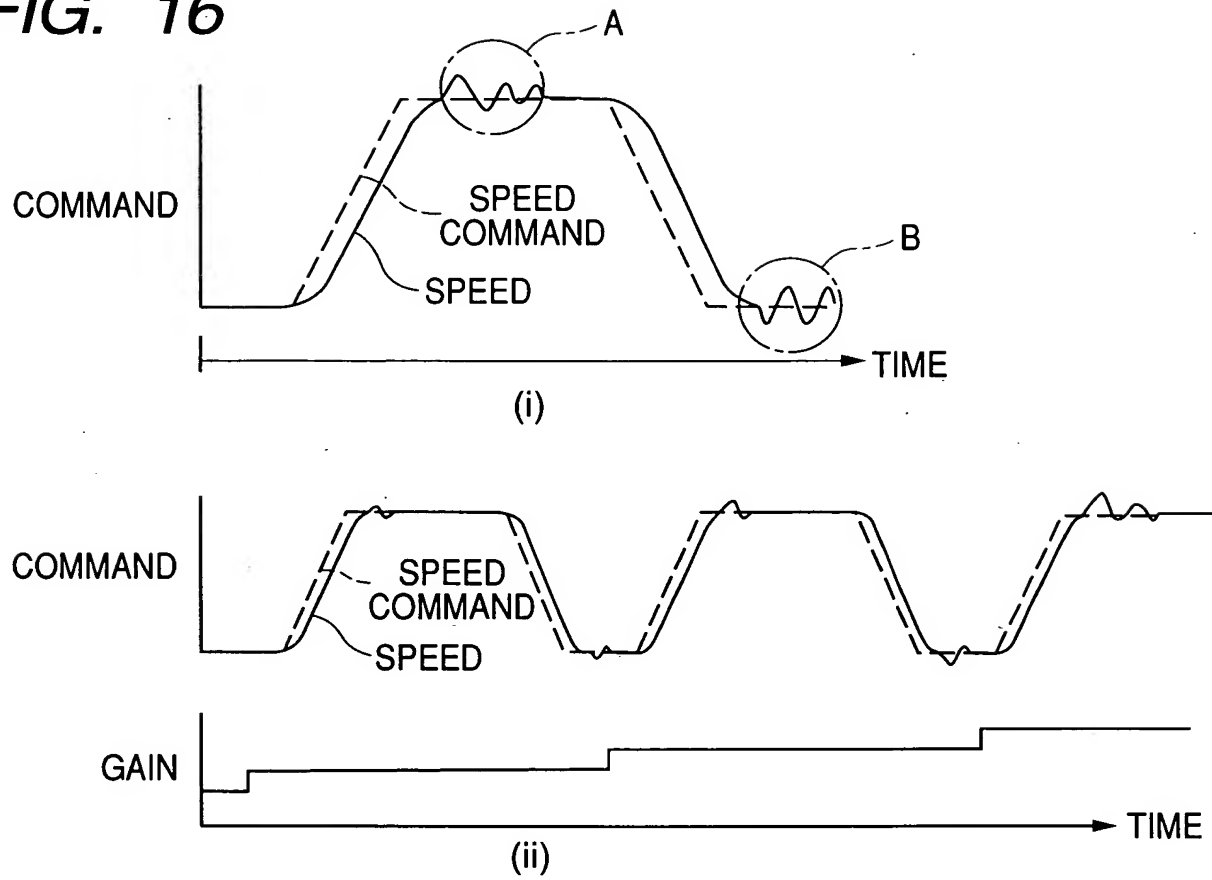
**FIG. 14**

FIG. 15



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**FIG. 16****FIG. 17**